

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED **Oil** SUB REPORT/abd** Location Abandoned - well never drilled 6-4-82*DATE FILED **August 11, 1981**

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO **U-44775**

INDIAN

DRILLING APPROVED: **9-14-81**

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: **LA 6-4-82**FIELD: **3/86 Greater Cisco Area**

UNIT:

COUNTY: **Grand**WELL NO **Maverick 4-1**API# **43-019-30848**LOCATION **1680'** FT. FROM (N) (S) LINE.**635**

FT. FROM (E) (W) LINE

NE SE1/4 - 1/4 SEC **4**

TWP

RGE

SEC.

OPERATOR

TWP

RGE

SEC.

OPERATOR

20S**23E****4****AMBRA OIL & GAS CO.**

MAVERICK OIL & GAS COMPANY
601 Broadway, Suite 200
Denver, Colorado 80203
(303) 623-1371

August 7, 1981

Mr. Wes Pettingill
Ambra Oil & Gas Company
American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101

Re: Designation of Operator

Dear Wes:

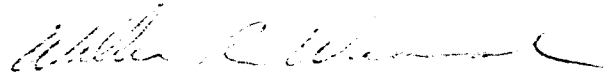
Pursuant to your request, please find enclosed three (3) executed Designations of Operator for Maverick's Federal Oil & Gas Lease No. U-47992.

I also enclose a letter consenting to Ambra's proposed location of 1680' FSL and 660' FEL for the drilling of the Maverick Oil & Gas Company Federal 4-1 in the NE/4SE/4 of Section 4, T20S, R23E, Grand County, Utah.

Thank you very much.

Yours very truly,

MAVERICK OIL & GAS COMPANY



William R. Wieand

WRW:11

Enclosures

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-47992

and hereby designates

NAME: Ambra Oil & Gas Company
ADDRESS: American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 20 South, Range 23 East, Grand County, Utah
Section 4: S/2SE/4 and NW/4SE/4
Containing 120.00 acres, more or less

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

MAVERICK OIL & GAS COMPANY

BY:


(Signature of lessee)

William R. Wieand, President
601 Broadway, Suite 200
Denver, Colorado 80203

August 7, 1981

(Date)

(Address)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
AUG 1 1981
DIVISION OF
OIL, GAS & MINING

APPLICATION FOR PERMIT TO DRILL DEEPEN OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-44775		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR Ambra Oil & Gas Company			7. UNIT AGREEMENT NAME N/A		
3. ADDRESS OF OPERATOR American Plaza III 47 West 2nd South, Suite 510, Salt Lake City, Utah 84101			8. FARM OR LEASE NAME Maverick		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NE 1/4 SE 1/4 Sec. 4, T20S R23E 1680 FSL 660 FEL			9. WELL NO. Maverick 4-1		
At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT Cisco Springs		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12 miles northeast of Cisco, Utah			11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 4 T20S R23E		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'			12. COUNTY OR PARISH Grand		
16. NO. OF ACRES IN LEASE 200			13. STATE Utah		
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'			14. NO. OF ACRES ASSIGNED TO THIS WELL 40		
18. PROPOSED DEPTH 2600'			15. ROTARY OR CABLE TOOLS rotary - air		
21. ELEVATIONS (Show whether DF, RT, GR, etc.)			22. APPROX. DATE WORK WILL START September 1, 1981		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	32 lbs.	160'	35 sks (cement to surface)
6 3/4"	4 1/2"	10.5 lbs.	2600'	65 sks (cement to mancos)

Well will be drilled to test the Entrada Formation. All shows encountered will be tested.

Blowout equipment to be used:

Rigan-Torus BOP with a 500 series power accumulator tested to 5,000 P.S.I.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9/14/81
BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED: [Signature] TITLE: Geologist DATE: 8/6/81
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

U.S. Geological Survey
1745 West 1700 South
2000 Administration Building

RE: NTL-6 Supplementary Information
for APD, 9-331-C

Maverick 4-1

Attention: Mr. Ed Guynn

Application for Ambra Oil & Gas Company, a Utah Corporation, to drill in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 4 T20S, R23E, Grand County, Utah is set forth on Form 9-331-C. This letter is to set forth the additional information required on the NTL-6 regulation.

1. Geologic name of surface formation: Cretaceous Mancos shale.

2. & 3. Geologic tops and formation depths:

Cretaceous	Mancos shale	surface
	Dakota	1818' oil & gas
	Cedar Mountain	1850' oil & gas
Jurassic	Morrison (Brushy Basin)	1988'
	Salt Wash	2254' oil, gas, water
	Summerville	2514' water, oil, gas
	Entrada	2566' water
	Total Depth	2600'

4. Casing Program: See Form 9-331-C.

5. Pressure Control Equipment: Operator will use 8 5/8" good PSI spool with rigan torus BOP above spool. An 8 5/8" 5,000 PSI spool will be used above BOP. A rotating head will be used above the flow line spool. The BOP is a type 600 series rigan torus of 7 1/16" I.D. BOP will be tested every 24-hours during daily operations.

6. Drilling and circulating medium: Operator plans to drill with air and air mist as far as possible. Water base filling fluid will be used in the event formation water is encountered and to control or kill oil or gas flows when running long string - 4 1/2" 10.5 lb casing - mud invert polymer type bio-degradable mud 8.2 lb. per gallon. Weight and mud to 10 lb. per gallon if required will be provided. The addition of potassium (KCL) chloride D.G. chemical added as required.

7. Auxiliary equipment: (1) Kelly Cock - Demlo (2) floats at the bits - yes and string (3) monitoring equipment on mud system - none (4) sub on floor with a full opening valve. The fill, kill and choke lines will be attached to well head below BOP. Also auxiliary equipment to be used.

- a. 6,000# shut off valve on stand pipe.
- b. One float at bit and two string floats.
- c. Sub 3 1/2" IF to 2" valve for controlling blowouts for use when making round trips in event of well blowouts.

8. Testing, logging, coring: Schlumberger or Birdwell. No DST's programmed. Dual induction laterlog (DIL) compensated neutron & formation density (CNFD), caliber log (CL), sonic BHC. If casing is run, a cement bond log (CBL) and gamma ray (GRL). Drilling, take samples every 10' starting at 500' to TD. Microscope analysis will be done by a certified geologist. Drillers and penetration logs. No coring planned.

9. Maximum bottom hole pressure expected is 1500 PSI. Flexibility provisions are the BOP and high pressure fittings and couplings. No hydrogen sulfide problems are expected.

10. Drilling operations will begin September 1, 1981 and completion is anticipated in five working days.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Ambra Oil & Gas Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE



KENT A. SWANSON
GEOLOGIST

U.S. Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Maverick 4-1
Multipoint Requirements

ATTN: Mr. Ed Guynn

1. Existing Roads

a. proposed well site is staked.

b. Route and distance from nearest town. Well site is located 12 miles northeast of Cisco, Utah. Exit at the east Cisco Bookcliff exit on I-70 to the north coming to the first intersection of the county roads follow the left road 4 ½ miles. Proceed past the Cullen well and past the Willard Pease #1 gas well on the left until the road makes a north northwest swing (curves right) past an intersection of four roads. From this point, continue 3600' to the north northwest on this main county road until you come to the TX0 9-2 access road on the right (east). A new access road will be constructed approximately 2640' north of the TX0 9-2 location.

c. Access road is color coded in red with the existing road color coded in blue on the enclosed topo map.

d. Does not apply.

e. If development well, list all the existing roads within a one mile radius of well site: this includes the main county road which heads from the NENW, and crosses Section 14. This also includes the access road past the A. W. Cullen well which then leads to the U. V. Industries #4 in NENW, Sec. 10; the access road to the Levon #1, SENW, Sec. 11, the access road to the Willard Pease #5, NESE and the access road from the U. V. Industries #4 to the Inland Fuels, NWNW, Sec. 11. This is also the intersection of the road to Cisco Springs and Cisco Mesa.

f. Plans for improvement and/or maintenance of existing roads. In the event of production, operator will work to maintain a graded and an improved road year-round. This will require cooperation with the other operators in the area to maintain this road.

2. Planned Access Roads

1. Width: 15' bladed out on flat land.

2. Maximum grades: two degrees

3. Turn-out: access road is straight, no turn-outs are needed.

4. Drainage design: small borrow pits on each side for easy drainage.

5. Location of culverts and brief description of any major cuts and fills. No culverts are wanted or needed in this area. Land is flat desert with small weeds growing. There are no major cuts or fills in this area.

6. Surfacing material: none needed. Land will be disturbed little. No foreign material is needed.

7. Necessary gates, cattleguards, or fence cuts: none needed in this area.

8. New or reconstructed roads: The operator will make use of the existing roads in the area. The Maverick 4-1 will use the TXO 8-2 access road. From the TXO 9-2 location, we will utilize the road to the Frank Adams abandoned location. From the 1-622 we plan to reconstruct a new access road approximately 1320' due north to the proposed Maverick 4-1. Small borrow pits will be constructed to allow proper drainage of the road. Grades, cuts, or fills will be no more than 3%.

3. Location of Existing Wells

a. Producing wells in a one-mile radius:

1. Sec. 4 Willard Pease No 143; gas
2. Sec. 9 Jacobs Drilling 1-355; oil & gas
3. Sec. 9 Willard Pease #1-506; gas
4. Sec. 10 Willard Pease #1-A; oil & gas
5. Sec. 10 Willard Pease #1; gas
6. Sec. 10 Willard Pease #6; oil & gas
7. Sec. 10 U V Industries #4; oil & gas
8. Sec. 11 Inland Fuels 11-1; gas
9. Sec. 11 A W Cullen #2; gas
10. Sec. 11 Boardwalk/Ambra Levon; oil & gas
11. Sec. 15 Willard Pease C. Govt. #1; oil & gas

b. Producing wells in a two mile radius:

1. Sec. 2 Frank Adams 202; oil
2. Sec. 4 Willard Pease #143; gas
3. Sec. 13 Petrovest; oil & gas
4. Sec. 13 Jacobs #1; oil & gas
5. Sec. 13 Jacobs #2; oil & gas
6. Sec. 13 Isabelle Thomas #8; oil & gas
7. Sec. 14 Willard Pease #4; oil
8. Sec. 14 Willard Pease #9; gas
9. Sec. 14 Ambra TXO 14-1; oil
10. Sec. 14 Boardwalk/Ambra Browndirt #1; gas
11. Sec. 34 Bowers Oil & Gas, 1-34; gas
12. Sec. 15 Ambra Oil & Gas, 15-1; oil
13. Sec. 15 Ambra Oil & Gas, 15-2; oil

c. No water well, disposal wells, or injection wells in this one mile radius.

4. Location of Existing and/or Proposed Facilities

a. 1-Tank batteries: The operator maintains an oil tank battery on the Levon #1 well in Section 11. They also maintain a pump jack and single tank on the TXO 14-1, TXO 15-2 and TXO 15-1. These tank batteries will not be used if production is established with this well. New tank batteries will be installed on the Maverick 4-1 location if oil production is established.

2. Production facilities: Operator maintains a 3-stage separator on the Levon well in Section 11. They are also maintaining a pump jack on the TXO 14-1 in Section 14 and a pump jack on the TXO 15-1, 15-2, and 15-4 oil wells in Sec. 15; and a 2-stage separator on the Browndirt well in Section 14. None of these production facilities can be utilized if production is established on the Maverick 4-1. If we have production, such equipment will be installed.

3. Oil gathering lines: none - only tank at location if oil production is hit.

4. Gas gathering line: Northwest Pipeline's lateral A-1 in the NENE of Section 9.

5. Injection lines: none

6. Disposal lines: none

b. 1-If new facilities are contemplated in the event of production: See the enclosed exact sketch of the area showing planned production facilities. All open and exposed pits will be fenced to protect livestock and wildlife and an earthen fire bunker will be built around any tanks. Gas lines will be laid on the surface to the lateral A-1 trunk line (pending right-of-way) operated by Northwest Pipeline. A time schedule for this will be within a 60-day period upon completion of the well.

c. 1-Plan for rehabilitation of disturbed areas: no longer needed for operation after construction. Pits will be fenced until fluid evaporates and then filled in. That will be reseeded anywhere from October 15 to November 15 as required by the LBM. The seeding mixture prescribed by the BLM will be used. The surface area is flat, however, this area will be graded to the original contours. Also note, construction and rehabilitation will be limited to the original well pad. All stock pile surface soil will be graded back over location after contouring for subsequent reseeding.

5. Location and Type of Water Supply

a. Cisco Springs in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 4, T20S, R23E. We have applied for the state water permit. The temporary permit has been issued, application # 55504. #01-136.

b. State method of transporting water: water tank truck.

c. No water well is planned or needed.

6. Source of Construction Materials

The location will be on Federal land so if any sand or gravel is needed, it will be brought into the area from a private source in Thompson, Utah, 21 miles west. Until production is established, the road will be surface scraped dirt road from the existing road to the proposed well location. However, no construction materials are planned or needed. This is a flat desert land on

mancos shale formations. Bladed roads that are watered and packed down are the best roads in this area.

7. Method for Handling Waste Disposal

Cuttings and drilling fluids will be discharged via air into reserve pit. Portable chemical toilet will be on location for sewage. Garbage and waste materials will go in a burn cage then burned and hauled out when work is completed. Location will be cleaned and all materials will be hauled away. Produced fluids (oil and water) will go into tanks and pits, respectively. The blowey line will be 125' long, centered and angled down into a trench pit. It will be anchored. The blowey line will be misted while drilling with air. The area will be free of trash and debris when rig is moved out.

8. Auxiliary Facilities

None other than a trailer and dog house. No camp or air strip required.

9. Well Site Layout

1. Cross section of drill pad with cuts and fills 200' X 150'. Well location is relatively flat and requires minimum cuts and fills. Any cuts and fills needed will be determined at on-site inspection. Surface soil will be stock piled on west side of location 12" high.

2. Mud tank, reserve, burn and trash pits, see drawing.

3. See drawing.

4. Pits are to be unlined.

10. Restoration Plans

1. Backfill of pits and all surface holes will be completed and will be leveled to the original contour of the land before drilling. Waste disposal will be accomplished as follows: All portable waste will be burned and buried in the waste pit. All other trash will be hauled out of the area.

2. Revegetation and rehabilitation: the grounds including the access road will be conditioned and revegetated and seeded as per BLM requirements, that being regrading of the surface soil and reseeded to take place from October 15 to November 15.

3. After the rig is moved.

4. If there is oil in the pit, we will either remove it or install overhead flagging.

5. Rehabilitation of the well site area will be completed within 60-days after the spud date. With the exception of the reseeded following BLM instruction (October 15 to November 15). We will restore location back to original condition before rig is moved in.

11. Other Information

The location is part of the Green River desert area. No trees grow on the Mancos shale valley only sagebrush and shrub. Cattle graze the area in fall and spring seasons. There is no water and very little vegetation. Cisco Springs is one mile to the northeast with practically no dwellings and no evidence of historical, cultural nor archeological value. There will be no other surface use.


12. Operator

Ambra Oil & Gas Company
American Plaza III
47 West 2nd South, Suite 510
Salt Lake City, Utah 84101
Telephone (801) 532-6640
ATTN: Mr. Kent A. Swanson, Wes Pettingill

13. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Ambra Oil & Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

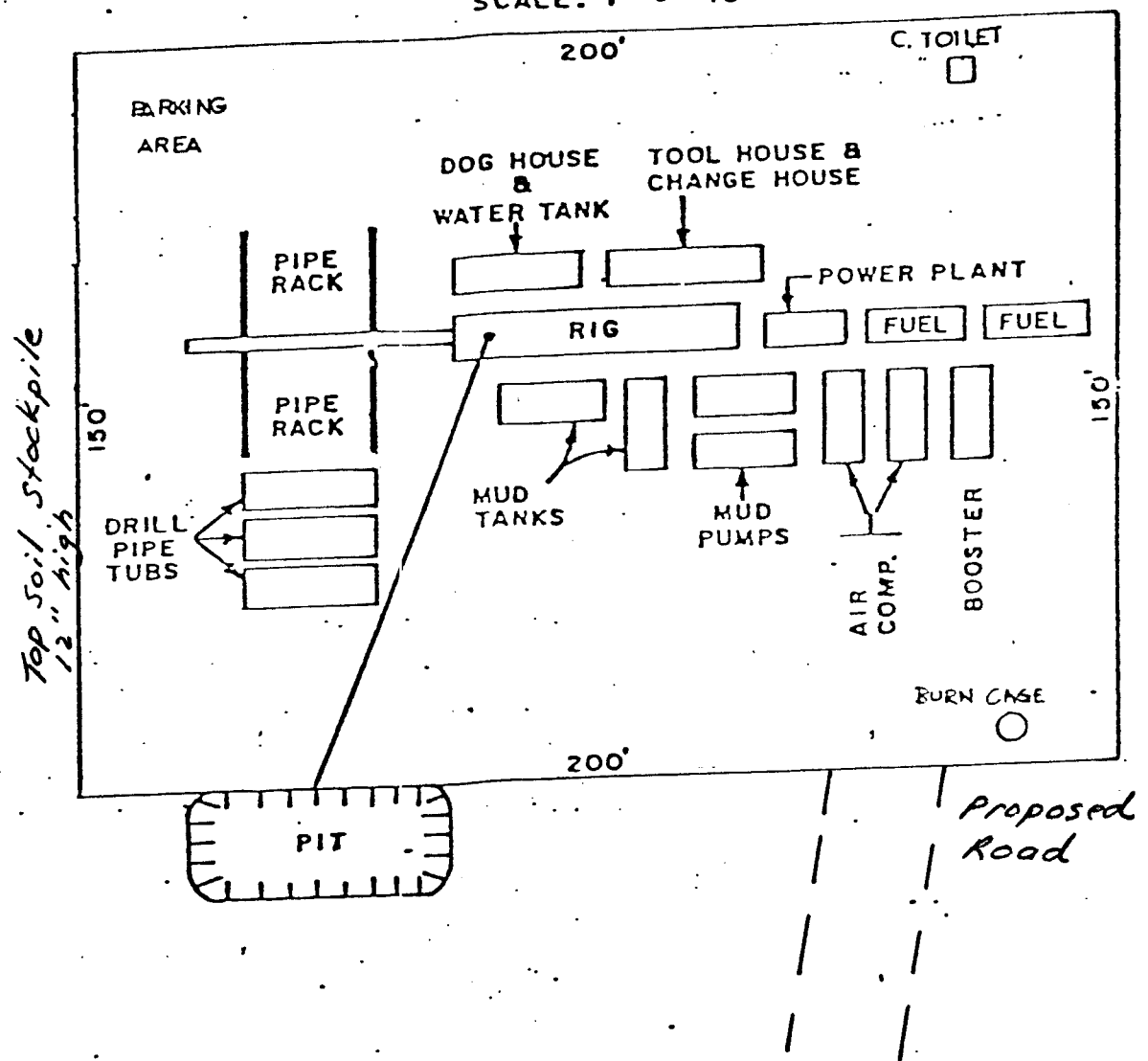
DATE



KENT A. SWANSON, PRODUCTION MANAGER

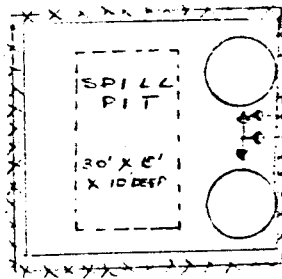
Maverick 4-1
11-44775
OS R23E
1/4 SE 1/4

SCALE: 1" = 40'

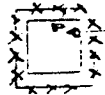


TANK BATTERY OIL SALES

FENCED
AND
FIRE
BERMED

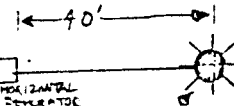


PIT IS
10' X 6' X
10' DEEP



METER

GAS
SALES



50'

SEPARATOR/
DEHYDRATOR

OIL AND/OR GAS

SCALE 1" = 40'

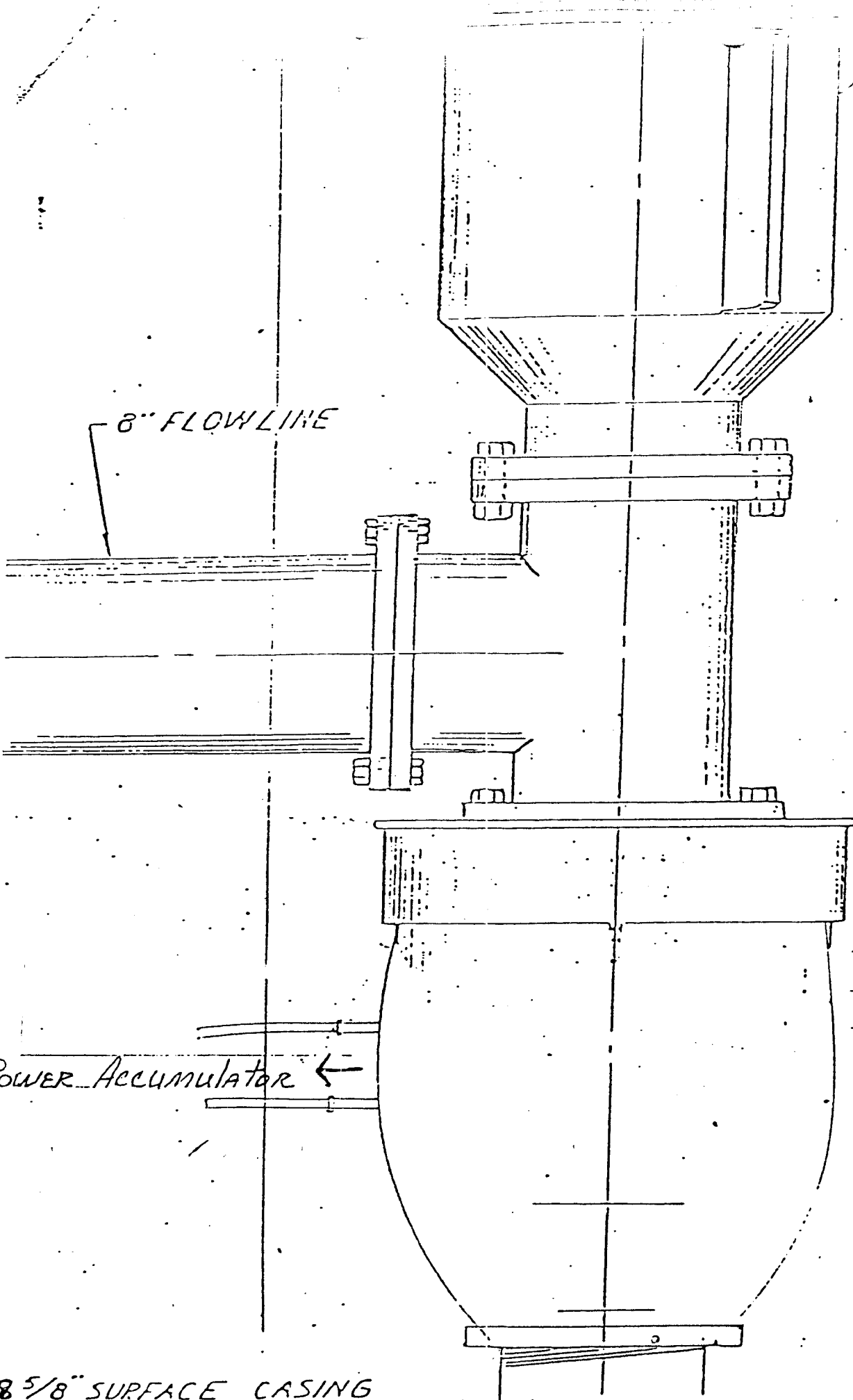
ROTATING
HEAD

8" FLOWLINE

RIGAN TORUS
(NYP CLOSING)
B.O.P.

POWER ACCUMULATOR ←

8 5/8" SURFACE CASING



W.P.
1-5
+2554

STARNER
1-5

W.P.
2-5
+2131

WP Co
No 143
3096
A3112

F. ADAMS
(silt)
1-622

F. ADAMS
1-037

WP CDMR IA A.O.G.
10-1-80A

JACOBS
3223

5216

T20S R. 23E
GRAND CO. UTAH

I. FUELS
9-1 fed

WP
4-355

W.R.
+3268

WP Co.
+3230

WP Co.
No. 6

MOSS
Fed 1

W.P.
No 1
+3221

PETROVEST
16-1

A.O.G.
15-1-80A

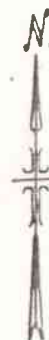
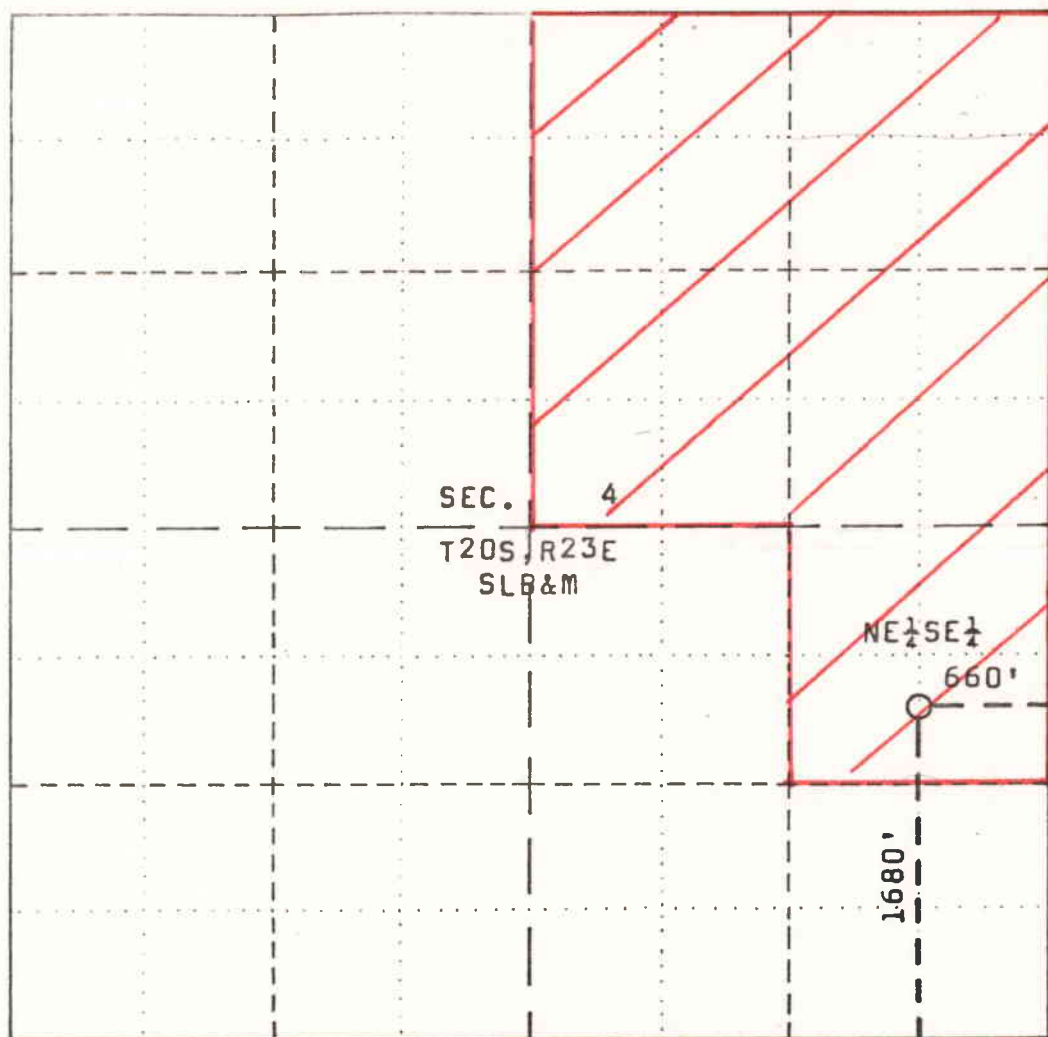
DDT
No. 1
+336

ADAMS
FEDERAL
22-3 I. FUELS
22-1

I. FU
22-
O

6D
078

Fed. Lease No. 44775- Lots 142 S/2 NE/4 NE/4 SE/4
Containing 206.58 Acres more or less.

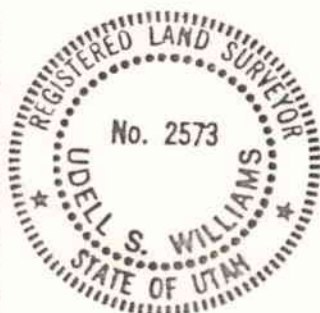


SCALE: 1" = 1000'

MAVERICK NO. 4-1

Located North 1680 feet from the South boundary and West 660 feet from the East boundary of Section 4, T20S, R23E, SLB&M.

RP 100' North=4928.4 Elev. 4914
RP 200' South=4902.4 Grand County, Utah
RP 200' East =4912.4
RP 200' West =4910.0



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
UTAH R.L.S. NO. 2573



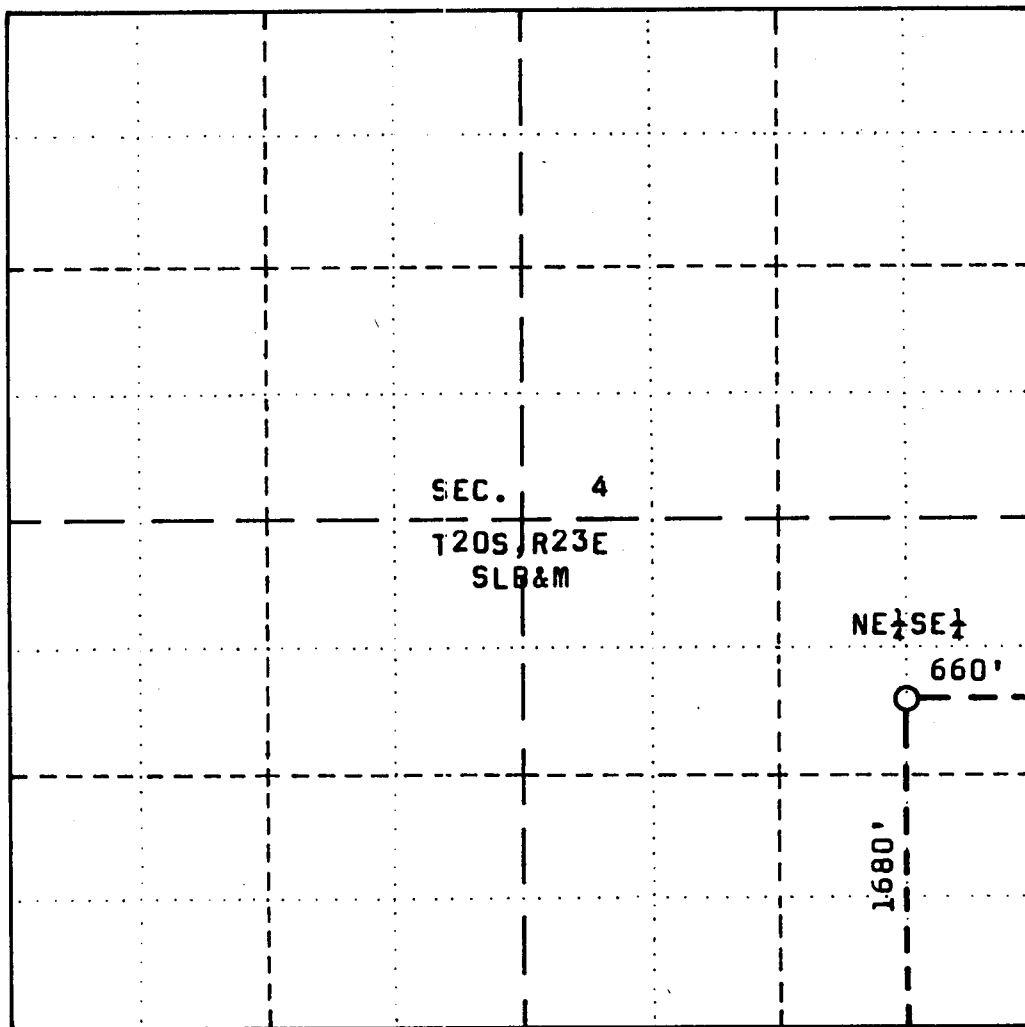
UDELL S. WILLIAMS

751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

MAVERICK NO. 4-1
NE 1/4 SE 1/4 SECTION 4
T20S, R23E, SLB&M

SURVEYED BY: USW DATE: 8/4/81
DRAWN BY: USW DATE: 8/6/81

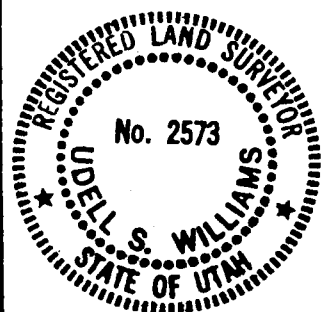


SCALE: 1" = 1000'

MAVERICK NO.4-1

Located North 1680 feet from the South boundary and West 660 feet from the East boundary of Section 4, T20S, R23E, SLB&M.

Rp 100' North=4928.4 Elev. 4914
Rp 200' South=4902.4 Grand County, Utah
Rp 200' East =4912.4
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Udell S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

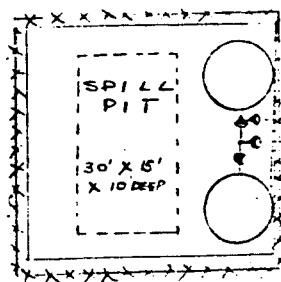
MAVERICK NO.4-1
NE $\frac{1}{4}$ SE $\frac{1}{4}$ SECTION 4
T20S, R23E, SLB&M

SURVEYED BY: USW DATE: 8/4/81
DRAWN BY: USW DATE: 8/6/81

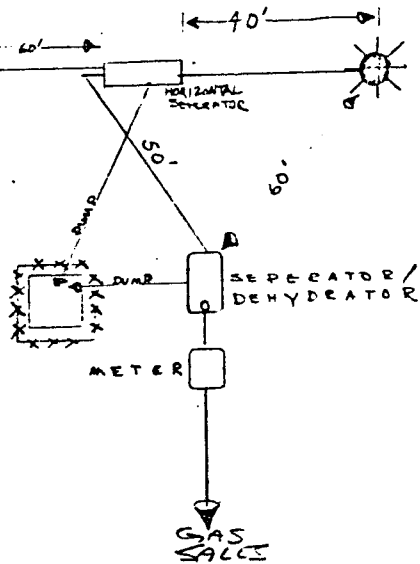
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TANK BATTERY
OIL SALES

FENCED
AND
FIRE
BERMED



PIT IS
48' X 8' X
4' DEEP

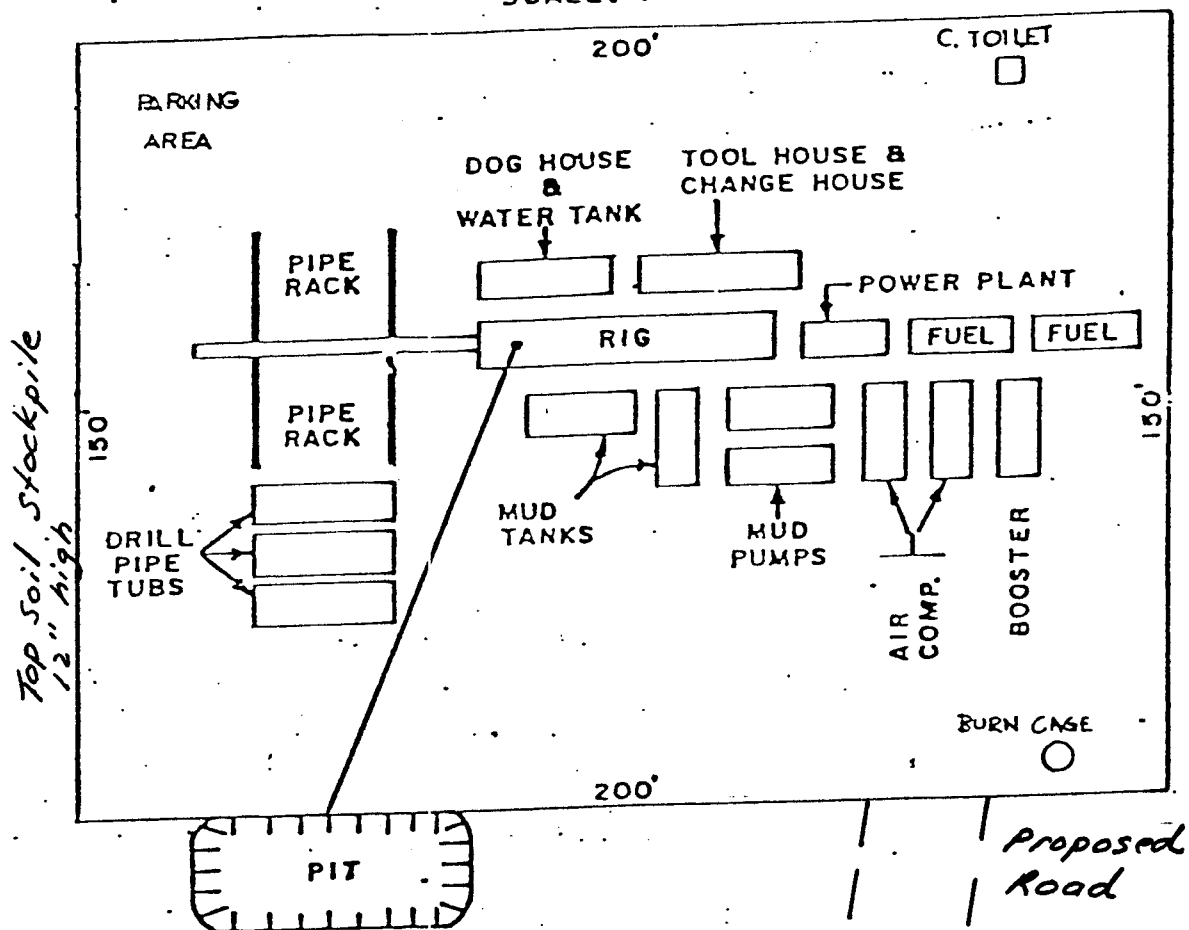


OIL AND/OR GAS

SCALE 1" = 40'

Maverick 4-1
IL-44775
OS R23E
N 1/4 SE 1/4

SCALE: 1" = 40'



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Bureau of Land Management, P. O. Box 11505,
SERIAL No.: U-44775 Salt Lake City, Utah 84111

and hereby designates

NAME: Ambra Oil & Gas Company
ADDRESS: Prudential Savings and Loan Bldg., 115 S. Main
Salt Lake City, Utah 84111

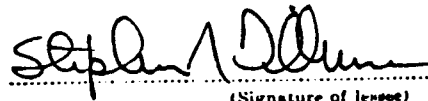
as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 20 South, Range 23 East
Section 4: NE/4, NE/4 SE/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.



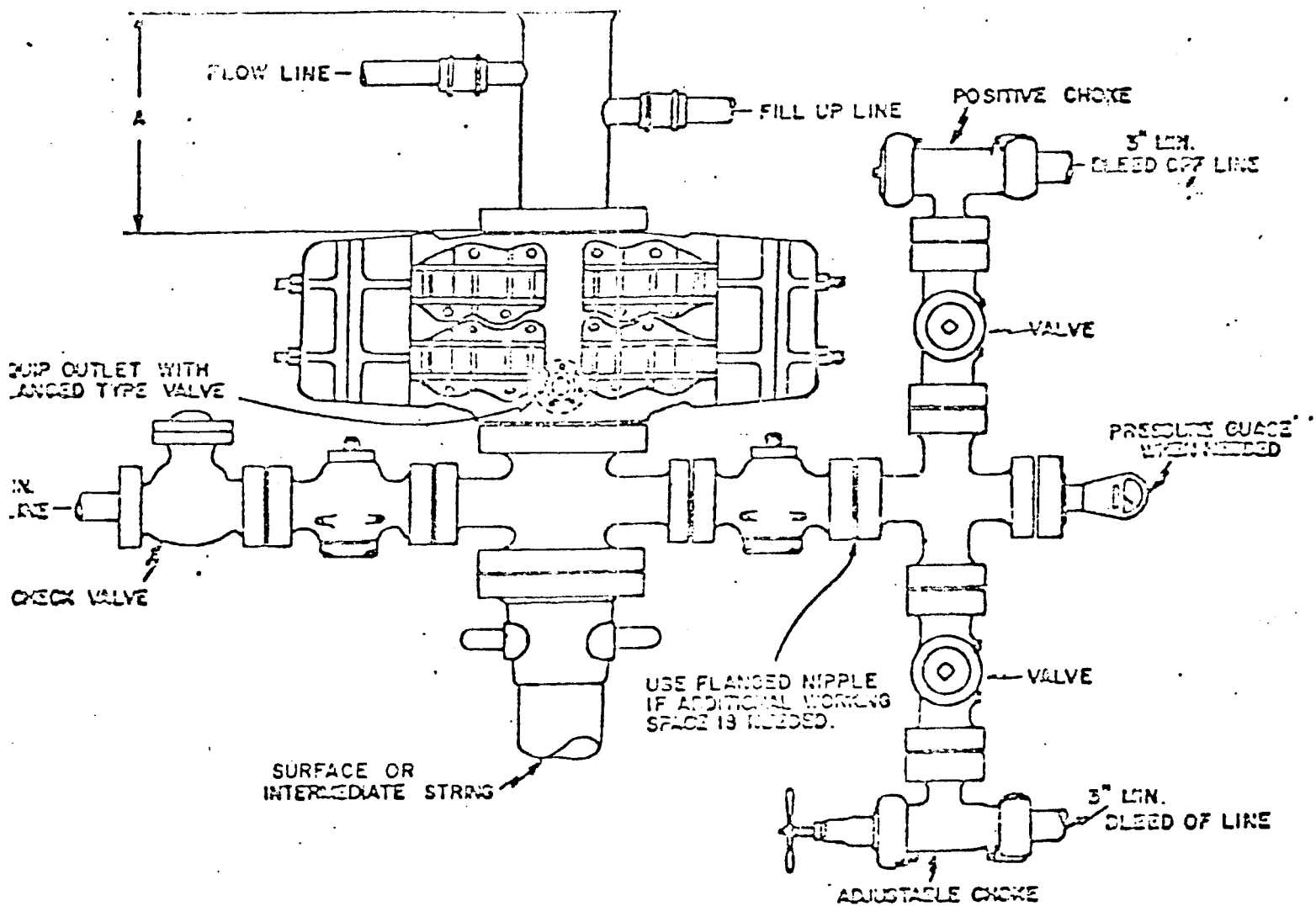
(Signature of lessee)

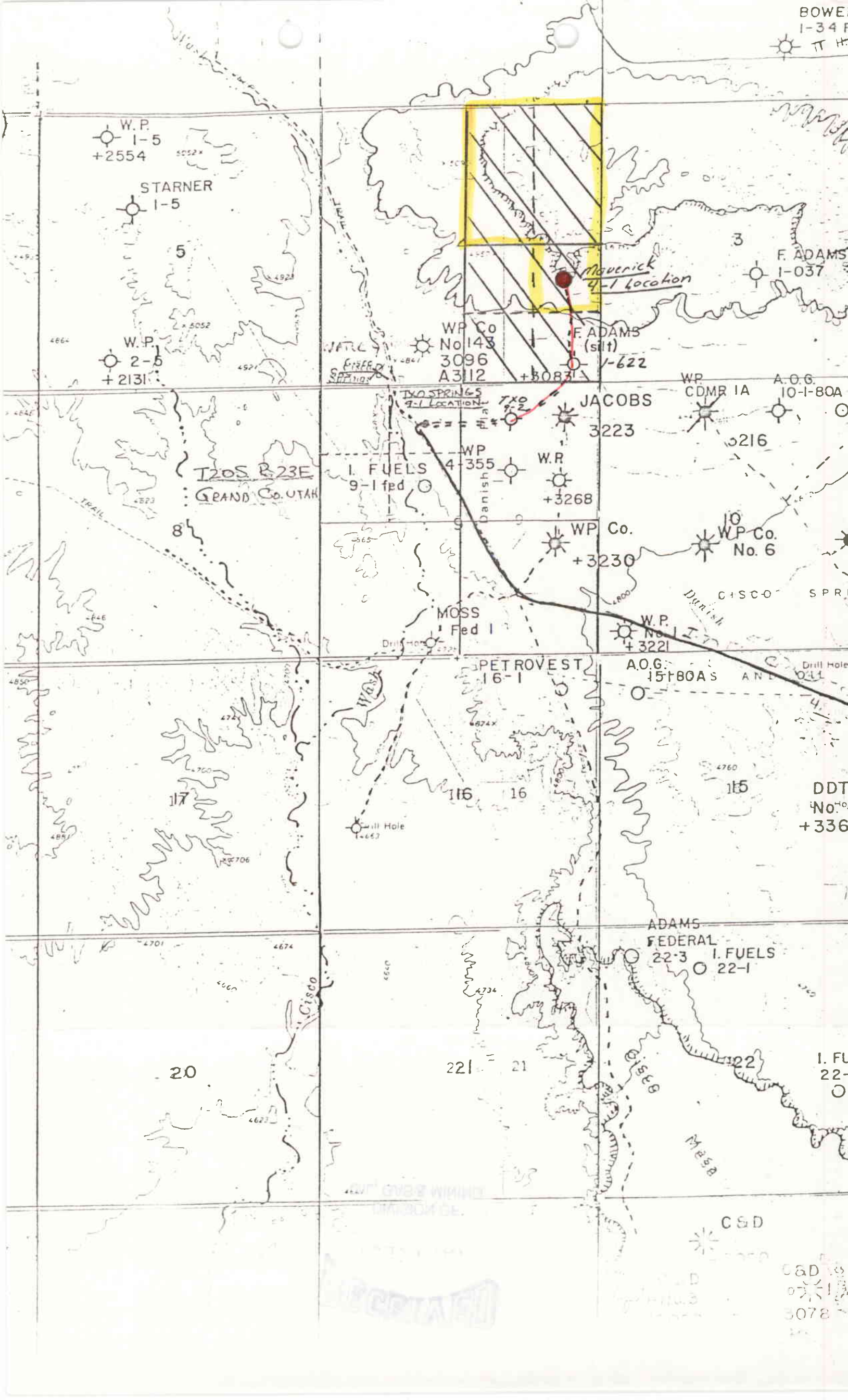
Stephen G. Tillman, Vice President
Texas Oil & Gas Corp.
Fidelity Union Tower, Dallas, Texas 75201

(Address)

June 17, 1981

(Date)





MAVERICK OIL & GAS COMPANY
601 Broadway, Suite 200
Denver, Colorado 80203
(303) 623-1371

RECEIVED

AUG 12 1981

August 7, 1981

DIVISION OF
OIL, GAS & MINING

District Engineer
The United States
Geological Survey
Vernal, Utah

Re: Exception Location
For Maverick Oil &
Gas Company Federal 4-1

Gentlemen:

Ambra Oil and Gas Company has advised that, due to topographic reasons, it proposes to drill its Maverick Oil & Gas Company Federal 4-1 at a location being 1680' from the south line and 660' from the east line of Section 4, Township 20 South, Range 23 East, Grand County, Utah.

Maverick Oil & Gas Company owns 100% of the leasehold interest in the S/2SE/4 and NW/4SE/4 of Section 4 and has secured a farmout agreement from Texas Oil & Gas Corp. on the balance of the E/2 of Section 4.

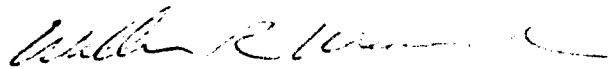
Please be advised that Maverick Oil & Gas Company wishes to encourage continuous development for oil and gas in the E/2 of Section 4 and waives any objection which it might otherwise have to Ambra's proposed location.

Please grant the necessary exception to Ambra at your earliest convenience.

My sincerest appreciation for your cooperation.

Yours very truly,

MAVERICK OIL & GAS COMPANY



William R. Wieand

WRW:11

**** FILE NOTATIONS ****

DATE: Aug. 28, 1981

OPERATOR: Amber Oil & Gas Co.

WELL NO: Maverick #4-1

Location: Sec. 4 T. 20S R. 23E County: Grand

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-015-30848

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order in Cause 102-160

Administrative Aide: As Per Order Below,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 102-116B 9-26-79

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Lease

Plotted on Map ☐

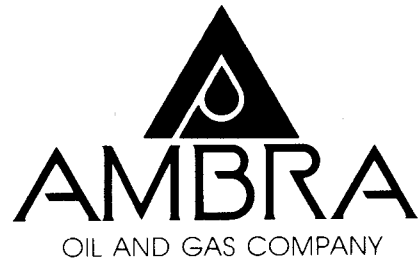
Approval Letter Written ☐

Hot Line ☒

P.I. ☒

American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 536-6440

RECEIVED SEP 8 1981



September 1, 1981

Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116
ATTN: Debbie

Dear Debbie:

RE: Maverick 4-1 and Maverick 4-2

Regarding our phone conversation of today, please find the survey plats you requested. Thanks.

AMBRA OIL & GAS COMPANY

A handwritten signature in cursive script, reading "Kent A. Swanson".

Kent A. Swanson
Geologist

KAS:bp

Enclosures

RECEIVED
SEP 10 1981

DIVISION OF
OIL, GAS & MINING

September 14, 1981

Ambra Oil & Gas Company
47 West 2nd South, STE. #510
Salt Lake City, Utah 84101

RE: Well No. Maverick #4-1
Sec. 4, T. 20S, R. 23E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 102-16B, dated August 26, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30848.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS

M-016557

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-44775	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Ambra Oil & Gas Company			7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR American Plaza III 47 West 2nd South, Suite 510, Salt Lake City, Utah 84101			8. FARM OR LEASE NAME Maverick	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NE 1/4 SE 1/4 Sec. 4, T20S R23E At proposed prod. zone 1680' FSL + 660' FEL 635'			9. WELL NO. Maverick 4-1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles northeast of Cisco, Utah			10. FIELD AND POOL, OR WILDCAT Cisco Springs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4 T20S R23E	
16. NO. OF ACRES IN LEASE 200			12. COUNTY OR PARISH Grand	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'			20. ROTARY OR CABLE TOOLS rotary - air	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4927 G.L.			22. APPROX. DATE WORK WILL START* September 1, 1981	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8" K-55 ST&C/	32 lbs.	160'	35 sks (cement to surface)
6 3/4"	4 1/2" K-55 LT&C/ new	10.5 lbs.	2600'	65 sks (cement to mancos)

Well will be drilled to test the Entrada Formation. All shows encountered will be tested.

Blowout equipment to be used:

8" 900 Series double gate Shaffer Hydraulic Type LWS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bert A. Swanson TITLE Geologist DATE 8/6/81
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY W. T. Martin FOR E. W. GUYNN
TITLE DISTRICT OIL & GAS SUPERVISOR DATE OCT 16 1981
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Identification No. 575-81

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator AMBRA OIL AND GAS CO. / MAVERICK 4-1

Project Type OIL WELL

Project Location 1680' FSL, 635' FEL, NE 1/4 SE 1/4 Sec 4 T20S R23E

Well No. 4-1 Lease No. U-44775

Date Project Submitted 8-11-81

FIELD INSPECTION

Date 9-9-81

Field Inspection
Participants

GEORGE DIWACHAK USGS

JEFF ROBBINS, ELMER DUNCAN BLM

KENT SWANSON AMBRA

MIKE OVIATT OK CONTRACTING

MIKE BROWN MIKE'S RESEEDING

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

10/16/81
Date Prepared

George J. Diwachak
Environmental Scientist

I concur

OCT 16 1981
Date

W. W. Martin
District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety	1 (10-6-81)						6	6 (9-9-81)	4,8
2. Unique charac- teristics	1						6	6	4,8
3. Environmentally controversial	1						6	6	4,8
4. Uncertain and unknown risks	1						6	6	4
5. Establishes precedents							6	6	4
6. Cumulatively significant							6	6	4
7. National Register historic places	1								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law	1						6	6	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS

RECOMMENDED STIPULATIONS

1. SEE BLM STIPULATIONS.
2. THE ACCESS ROUTE WILL BE CHANGED AS NOTED IN STIPULATION No. 11 OF THE BLM RIGHT-OF-WAY, ^{SERIAL} No. U-48034.



AMBKA 4-1

↑
S



United States Department of the Interior

IN REPLY REFER TO
3109
(U-068)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

OCT 0 6 1981

Memorandum

To: Oil & Gas Office, USGS Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84101

From: Area Manager, Grand

Subject: Permit to Drill: U-44775
Ambra Oil & Gas
Maverick 4-1
T. 20 S., R. 23 E., Sec. 4
Grand County, Utah

On September 9, 1981 a representative from this office met with George Diwachak, USGS, and Kent Swanson, agent of the Ambra Oil & Gas Company for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Ambra Oil & Gas Company.

Enclosures (3)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities

Noted - G. Diwachak

OCT 15 1981

Company: Ambra Oil & Gas
Well: Maverick 4-1
Section 4: T. 20 S., R. 23 E.

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah phone (801 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is.

New road construction will be limited to a total disturbed width of 18 feet. The allowable travel surface width will be 15 feet. After leaving the existing road, for about 150 feet the access will have an uphill ditch going into the drainage near the grasshopper. From the pad to ditch the access will be outslope. Very little cutting will be necessary. Mostly, there will just be removal of the vegetation.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

The location will be rotated 180 degrees so the reserve pit will be located to the northwest edge of the pad. The hole will be moved 25 feet to the east. The pit will be placed in the natural depression to the north of the location below the bench. Cutting the bench will be avoided where possible.

6. The top 12 inches of soil material will be removed from the location and stockpiled on the east side of the location.
7. The reserve pit will not be lined. ~~Keyway~~. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8 inch lifts, machinery compacted, and sufficiently wide for equipment to pass over.
8. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be at least 35 inch wovenwire.

Production

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. Any remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
2. All above ground production facilities will be painted using the attached suggested colors.

Rehabilitation

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit/cage. Non-burnable debris will be hauled to a local town dump site.
2. the operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone 801-259-6111, 40 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 12 to 18 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. Waterbars will be used on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 feet spacing
2-4%	100 feet spacing
4-5%	75 feet spacing
+5%	50 feet spacing

SEED MIXTURE

Desert

Semi-Desert

(Area coverage) N. highway I-70 to first Bench of Bookcliffs
from Green River to Bar X field. All lands
So. highway I-70, Black Brush Zones, Hatch
Point and San Juan County.

Species

lbs/ac

Grasses

Oryzopsis hymenoides	Indian ricegrass	1
Hilaria jamesii	Galleta (Curlygrass)	1
Sporobolus cryptandrus	Sand dropseed	1
Stipa comata	Needleandthread	1

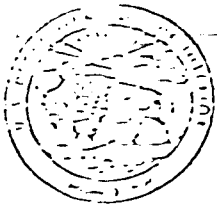
Forbs

Aster chilensis	Pacific aster	$\frac{1}{2}$
Helianthus annuus	Common sunflower (Kansas sunflower)	$\frac{1}{2}$
Melilotus officinalis	Yellow sweetclover	$\frac{1}{2}$
Sphaeralcea coccinea	Scarlet globemallow	$\frac{1}{2}$

Shrubs

Atriplex canescens	Fourwing saltbush (White greasewood)	1
Atriplex nuttallii cuneata	Wedgeleaf nuttall saltbush	1
Eurotia lanata	Winterfat (Whitesage)	1

9.162.



SUGGESTED COLORS TO PAINT OIL & GAS
PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

FROM: STAFF GEOLOGIST, OIL & GAS, UNIT AGREEMENT SECTION, LAKEWOOD, CO

TO: DISTRICT ENGINEER, OIL & GAS, SALT LAKE CITY, UT

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-44775OPERATOR: AMBRA OIL & GAS COMPANYWELL NO. MAVERICK 4-1LOCATION: 1680' FSL & 660' FEL NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 20S, R. 23E, SLM
GRAND County, UTAH

1. Stratigraphy: The surface rocks are Mancos. Numerous wells have been drilled in this township, so control is good. Operator's estimated tops should be reasonably close.
2. Fresh Water: Not probable. But usable water could occur in the near surface (500 \pm feet) sands of the Mancos shale.
3. Leasable Minerals: This well will sand stratigraphically below Mesaverde coals which outcrop about 3 miles northwest of the well site. The coal beds of the Dakota Formation are thin, lenticular and not economically important. "Inasmuch as the area embraced in Tps. 19, 20 and 21S, Rs. 22 and 23E contains no coal resources of value...." (Fisher, U.S.G.S Bull 852)
4. Potential Geologic Hazards:
None anticipated by operator.
5. Additional logs Needed:
None
6. References and Remarks:
U.S.G.S. Bull 852 (Fisher)

Signature:

Ronald E. Gunnerson

Date:

9/24/81



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building - Salt Lake City, UT 84114 • 801-533-5771

May 20, 1982

Ambra Oil & Gas Company
47 West 2nd South, Ste. #510
Salt Lake City, Utah 84101

Re: Well NO. Maverick #4-1
Sec. 4, T. 20S, R. 23E.
Grand County, Utah

Well NO. Maverick #4-2
Sec. 4, T. 20S, R. 23E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

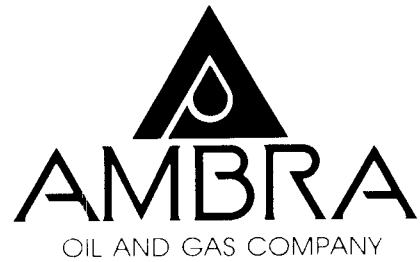
Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 532-6640



June 4, 1982

STATE OF UTAH
DEPARTMENT OF NATURAL
RESOURCES & ENERGY
DIVISION OF OIL, GAS & MINING
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

Enclosed please find a copy of our Sundry Notice on Lease No. U-44775,
Maverick 4-1, requesting permission to abandon location.

If you have any questions, please contact Kerry Miller personally.

Sincerely yours,

AMBRA OIL & GAS COMPANY

Rebecca P. Hunt
Rebecca P. Hunt
Production Clerk

Enclosure

RECEIVED
JUN 07 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other2. NAME OF OPERATOR
AMBRA OIL & GAS COMPANY3. ADDRESS OF OPERATOR
47 West 2nd South, Suite 510, SLC, UT 841014. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17
below.) 1680' FSL 635' FEL
AT SURFACE: Sec. 4, T20S, R23E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐(NOTE: Report results of multiple completion or zone
change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ambra Oil & Gas Company request permission to abandon this location. The well has not been drilled, but approval to do so was granted October 16, 1981.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6/9/82

BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED: [Signature] TITLE: PRODUCTION MANAGER DATE: JUNE 4, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

June 15, 1982

Ambra Oil & Gas Company
47 West 200 South - Suite 510
Salt Lake City, Utah 84101

Done

Re: Rescind Application for Permit
to Drill
Well No. 4-1
Section 4-T20S-R23E
Grand County, Utah
Lease No. U-44775

Gentlemen:

The Application for Permit to Drill the referenced well was approved October 16, 1981. We are rescinding the approval of the referenced application, without prejudice, per your Sundry Notice received in this office June 7, 1982 and dated June 4, 1982.

If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please feel free to contact this office.

Sincerely,

E. W. Gwynn
District Oil & Gas Supervisor

bcc: SMA
State O&G ✓
State BLM
MMS-Vernal
Well File
APD Control

DE/dh

RECEIVED
JUN 17 1982

DIVISION OF
OIL, GAS & MINERAL RESOURCES